

ALINCO DJ-S41T

70 CM HT SMALL RADIO

Big Performance—Tiny Price!

Looking for Great Value? LOOK TO ALINCO!



ACTUAL SIZE

How will you use the DJ-S41T? Fits in pocket or purse, so you're always ready to communicate. Perfect for personal communications in the great outdoors or the local shopping mall, use it simplex or through repeaters. Because it operates on the 440 MHz band, it's ideal for using through a cross-band mobile or base radio - there's no end to the fun!

And if you're looking for a low-cost, quality radio for the other hams in your life, the DJ-S41 is priced so low, everyone in the family can carry one. Durable, with a flexible, pivot antenna, even the youngest ham will be able to use it without fear of losing an antenna or battery pack. Runs on 3 AA cells, so power is always available.

"BIG RADIO" FEATURES

- 21 memories
- CTCSS encoding
- TX 425 ~ 449.995 MHz
- Offset up to 15.995 MHz
- Large illuminated display
- Folding "pivot" antenna can't get lost
- Hi/lo power selector
- Programmable APO
- Automatic battery save
- Alarm and alert functions
- Great audio output
- Accessory ports for external power and earphone or speaker/mic
- Belt clip, carry strap and more!



Car lighter DC cable with voltage conversion to 5.5VDC



Soft Case

Options include speaker mic, nicad battery pack, even a tie-pin mic and earphone with vox.

How did Alinco build so much radio for such a tiny price? Because we're the new value leader in Amateur Radio.sm

Simple ■ Clean ■ Dependable



ALINCO
ELECTRONICS INC.®

THE NEW VALUE LEADER IN AMATEUR RADIOSM

438 Amapola Ave. • Suite 130 • Torrance, CA 90501

Phone: (310) 618-8616 • Fax: (310) 618-8758 • Internet: <http://www.alinco.com>

Specifications are subject to change without notice or obligation. Performance specifications only apply to amateur bands. Permits required for MARS/CAP use.

ALINCO DJ-S41T

A GREAT PERFORMER IN A SMALL PACKAGE



FEATURES

21 Memories

Non-volatile memories (20 numbered + Call Channel). Each memory can store frequency, offset and CTCSS tone.

Pivoting Antenna

Antenna stores next to the radio for easy carrying in pocket or purse. Can't get lost because it's attached to the radio. Receives well in any position, detents at stored, half and full upright locations.

Selectable Power Output

Using 3 AA alkaline batteries, the DJ-S41T puts out 340 mW, adequate to "hit" many UHF repeaters and plenty for "close-in" simplex communications. To extend battery life, a "low power" selector (50 mW TX) comes with the radio. Attach the optional EDH-18 5.5 VDC power cable to a 12 volt source and output increases to 450 mW.

Flexible Power Sources

Uses 3 AA cells, Alinco's optional EBP-25N NiCad battery pack or the optional EDH-18 cigar lighter DC power cable that converts voltage to 5.5 DC and increases TX output 450 mW.

Long Battery Life

Estimates show 40 hours of continuous use possible with AA cells; 14 hours using rechargeable NiCad (EBP-25N) on the "high" power setting. Longer times possible using "low" TX output setting and/or non-continuous duty. (Assumes 6 sec TX, 6 sec unscelched RX, 48 sec squelched RX.)

CTCSS Encoder Standard

Access repeaters with any of the 50 widely used CTCSS tones.

Easy Programming

Setting the frequency, offset and CTCSS tone for each memory channel is easy and done quickly, without the need for going two or three levels "deep" in the "function" button, as with some radios. Alinco engineers have made a commitment to simple operation and clean design.

Accessory Ports

Ports for external power, earphone and external mic. See options section for the choices. The DJ-S41T can be used for 1200 bps packet. Select the optional vox mics for hands-free operation.

Easy to Operate

From experienced ham to newly licensed operator, the DJ-S41T is designed for fun. As a result, it's easy to operate, allowing everyone to get on the air and stay in touch with others, instead of trying to figure out complicated functions and controls.

PLUS...

- Scan VFO or Memory channels, up or down
- Selectable Alarm function
- S-Meter
- TX Offset adjustable to ± 15.995 MHz
- Selectable frequency tuning steps of 5, 10, 12.5, 15, 20 and 25 KHz

- Red TX Indicator Lamp
- Monitor (open squelch) key
- Key-lock function
- Low battery indicator
- Battery Save operating mode
- Auto Power Off (user selectable)
- Channel "number only" display mode
- Belt clip and carry strap included
- One year warranty (ask your dealer about Alinco's Two Year Warranty option!)

OPTIONS

Customize your DJ-S41T with Alinco accessories that add to its versatility!

EME-4	Earphone
EME-12	Headset with vox mic (earpad type)
EME-13	Headset with vox mic (earphone type)
EME-15	Tie-pin vox mic and earphone
EMS-9Z	Speaker mic
EBP-25N	NiCad Battery Pack
EDC-47B	Rapid charger for EBP-25N
EDH-18	Cigar lighter adapter with voltage converter
ESC-27	Soft Case
EBC-6	Mobile Bracket
DR-605T	2meter/440 mobile radio, great for cross-band operations with the DJ-S41T!

SPECIFICATIONS

GENERAL	
Frequency Range:	425 ~ 449.995 MHz
Modulation:	F3E FM
DC Power Source:	3.6 ~ 4.5 V (internal battery), 5.5 V (external regulated source)
Current draw:	TX/approx 260mA @ 4.5VDC; RX/approx 33mA (squelched)
Dimensions (H,W,D): (without projections)	3.94 in X 2.17 in X 1.10 in OR 100mm X 55mm X 28 mm
Weight:	6.53 oz OR 185g (with 3 AA dry cells)
TRANSMITTER	
Output power H/L	Approx 340mW @ 4.5 VDC/50 mW
Modulator	Variable Reactance
Max Deviation	± 5 KHz
RECEIVER	
Double Conversion Superheterodyne	
IF stages:	1st 23.05 MHz / 2nd 450 KHz
Sensitivity:	Better than -15dB μ (12dB SINAD)
AF output:	Not less than 100 mW (10% distortion @ 8 Ω)

The DJ-S41T can operate over most of the US 70cm band. Check FCC rules for restrictions and local band plans prior to transmitting in your area. Check applicable regulations prior to engaging in cross-band operations. Specifications are subject to change without notice or obligation. Performance specifications only apply to Amateur Radio bands. All power output estimates are approximate values. Names of certain products mentioned in this catalog are used for identification purposes only and may be trade marks of their respective companies. This product intended for use only by properly licensed Amateur Radio operators.

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